



User's Manual

Rear Seat Entertainment

TMX-R1100E

Please read before using the equipment.

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WARNING

- Please read this manual carefully for correct usage and keep it for later use when needed. The company shall not be responsible for any damages from misuse of the product.
- This manual has been prepared for you to be able to use the product correctly and safely with various illustrations to keep from any harm to the other persons or others' property. Below are the definitions of symbols used. Please carefully understand the meanings before reading the manual.



This shows the detail that could lead to death or hard injury if ignored and misuse the product.

Do not disassembly or modify the product. It could cause accident, fire or electric shock.



Keep small objects such as batteries, screws out of the reach of children. If swallowed, consult a doctor immediately.



Warning

Use the correct ampere rating when replacing fuses. Failure to do so may result in fire or electric shock.



Prohibit



Strictly

Use only in cars with a 12 volt negative ground. (Check with your dealer, if you are not sure.) Failure to do so may result in fire.



Strictly

Before installation, disconnect the battery from negative ground first to prevent injury from electric shock and injury.



Warning

Please do not connect the electric from other source by peeling the wire insulator. This could cause fire or electric shock.



Prohibit

Do not install in the position where obstruct driving operation such as front view, handle, gear level or place that could harm passenger. This could cause accident and injury.



Prohibit

Do not use bolt of the Handle, Break, and Fuel Tank to connect the negative ground. This could cause malfunction and fire.



Prohibit

In case of error, such as no sound or picture, alien object inside, smoked or strange smell, stop using the product immediately and contact your dealer. This could cause accident, fire and electric shock.



Prohibit



Strictly

Do not operate or watch while driving. Always stop the vehicle in a safe location before operation. Failure to do so may result in an accident



Prohibit

Keep all cords and wires from interference with driving operation. Binding with Handle, Transmission Lever or Break Paddle could cause accident or system breakdown.



Warning

Rear seat passenger should fasten the seat belt to prevent from accident due to quick take off or urgent breaking. This could cause accident or injury.



Prohibit



Strictly



This shows the detail that could lead to injury or damage to the property if ignored and misuse the product.

Please correctly install as described in this manual. Failure to do so may result in fire or an accident



Prohibit

Please avoid the line to be in between objects or edges. It could cause electric shock or fire due to cut or short circuit.



Warning

Do not close or block the ventilating grill. This could cause fire or system breakdown.



Prohibit

Use only specified options and install firmly. Failure to do so may result in fire or an accident



Prohibit

Do not install in place where wet, high humidity or dusty. Failure to do so may result in electric shock.



Prohibit

Note : Due to continuous product improvement, specifications are subject to change without notice.

Do not mix new batteries with old batteries.
Insert with the correct battery polarity.
When inserting the batteries, be sure to observe proper polarity (+ and -) as instructed.
Rupture and chemical leakage from the battery may cause fire or personal injury.



Specific knowledge and experience are needed for installation and wiring. Please contact to your dealer.



Keep the volume at a level where you can still hear outside noise while driving.
Failure to do so may result in accident.



Please use only within the vehicle. Failure to do so may result in electric shock or injury.



Prohibit

Do not place hands, fingers or foreign objects in gaps. Doing so may result in personal injury or damage to the product.



Prohibit

Cautions on usage. (All)

Do not use mobile phone or other wireless device close to this unit.

This could cause noise or system malfunction. It is recommended to use the mobile phone or wireless devices with distance from the unit.
Hence, Remote Starter and Car Security could also cause system malfunction.

Do not use excessive force.

This product is assembled precisely with high precision parts. Please gently install the device to maintain original performance from the first use.

Do not use at extreme temperature.

In case that the temperature in the cabin is extremely high (parking below sunlight) or extremely cold (parking in winter), please wait until the temperature become normal level then use the device.

Monitor Care.

- Use soft fabric to clean the monitor when dirty.
- In case of severe dirt, use soft cloth and moist with neutral base detergent to clean the monitor.
- Never place the cloths that moisten with water or neutral base detergent on the unit. This could cause the unit breakdown due to humidity emerging inside the unit.
- Since the back of the monitor is made with soft material, do not wipe or rub with hard materials.

Customer using IR Wireless Headphone.

Since IR Wireless Headphone could only be used in limited range, please use under the degree with low noise and distance.

*IR Wireless Headphone (Option SHS-N100)

Note : Due to continuous product improvement, specifications are subject to change without notice.



BASIC OPERATION

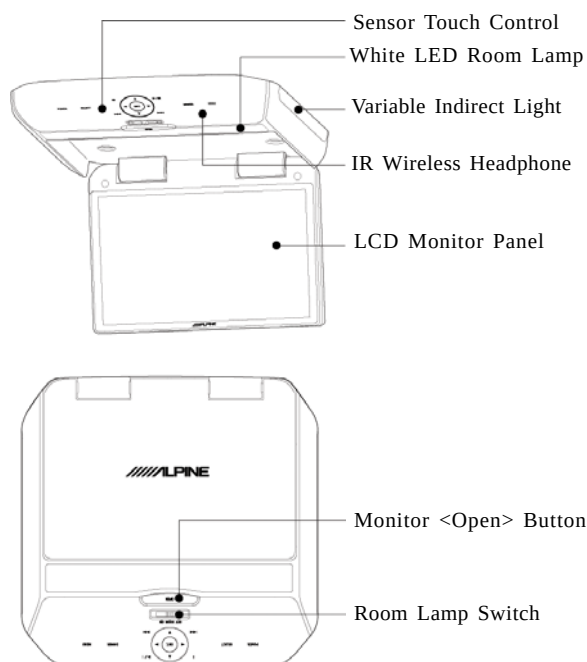
Specification

Structure of Alpine TMX (Monitor)

- 10.2 Inch Active Matrix TFT Wide VGA Color Liquid Crystal Display (800x480 dpi).
- External Input Plug 2.
- Sensor Touch Control (Overhead Monitor / DVD / DVD Head Unit / TV Tuner*)
- Visual EQ (Flat, Night Movie, Soft, Sharp, High Contrast).
- Input Source Selection Parameter (Picture / Display Mode/ System).
- 3 Level Dimmer (LOW / MID / HIGH).
- Channel selection to optional IR Headphone (A/B/OFF).
- DVD Player Control Function.*
- Customized OSD (On Screen Display) Source Name.
- White LED Room Lamp.
- Variable Indirect Light.
- Language Selection (English/Japanese)

*Touch Control Function and DVD Player Control Function are based on system connectivity and limited head unit model. Please contact your dealer for more information.

Overhead Monitor



• LCD Monitor Panel

This panel is 10.2 inch Active Matrix Wide VGA Color LCD Panel with IR Headphone Transmitter equipped at the front of the unit. IR headphone is optional.



- Monitor will memorize the status when turn ignition to OFF and will resume the previous status when turn ignition to ON. <It will be ON or OFF>

• Monitor <Open> Button

When press Monitor Open Button, the monitor panel will drop a little bit for use and could be opened up to 180 degree. For closing, push the monitor panel back into the housing until you can hear the click sound.

• White LED Room Lamp.

There are (+) and (-) terminal at the connector of the White LED Room Lamp. Please refer to page 17 [Room Lamp Connection] and be careful when installing the unit.

• Sensor Touch Control

All light will be illuminated when turn on the power. You can operate the Over Head Monitor, DVD Player, DVD Head Unit, TV Tuner by the buttons below

(When Power OFF or Standby, lighting will be dimmed.)

Remote Control



Monitor Control Section

Alpine DVD Player Control Section
(See detail from User's Manual of the connecting DVD Player)

Alpine TV Tuner Control Section.
(Please see User's Manual of Alpine TV Tuner.)



- Please remove the plastic tape from the Remote Control before first use.

*Remote Control Function is based on system connectivity and limited head unit model. Please contact your dealer for more information.

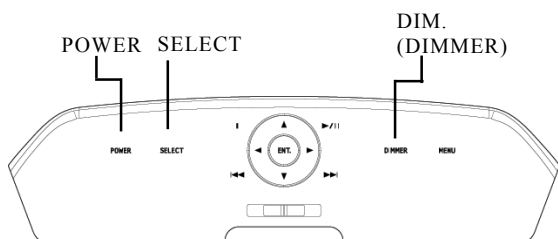


BASIC OPERATION

Turning Power ON/OFF

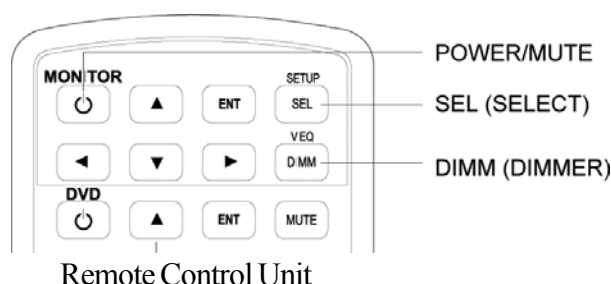
Sensor Touch Control

1. Touch the **POWER** to turn on the system.
2. Touch the **POWER** for at least 2 seconds to turn off. If touch the **POWER** while operating, the sound level will be muted.



Remote Control

1. Press **POWER** to turn on.
2. Press **POWER** for at least 2 seconds to turn off the power.



Sound Mute Function

Sensor Touch Control

1. Operate **MUTE** function by touching at **POWER** button while the power is on.
2. Touch **POWER** again to turn off the **MUTE** function.

Remote Control

Press **POWER** button to switch between ON and OFF.

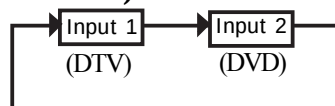
Sound Volume Adjustment.

Sound Volume can be adjusted through optional IR Headphone or Radio Head Unit.

1. Turn on the **POWER** of the optional **IR Headphone Unit**.
2. Turn clockwise to increase the volume and counter clockwise to decrease.
Adjust by **DIAL** adjust at IR Headphone.

Sources Selection.

1. Press **SEL** button at the Remote Control or touch **SELECT** at the Sensor Touch Control.
2. Input Sources will be switched when press **SEL** (**SELECT**) or touch **SELECT** as below.



- The default setting will be as shown in (____).
- The OSD (On Screen Display) will be automatically turned off if there is no operation within 10 seconds.

Brightness Setting for Backlight.

LCD Panel Backlight can be adjusted to be as close as Cabin Light level. By doing this, the screen will be even more eye-friendly.

1. Press **DIMM** (**DIMMER**) on the Remote Control or touch at **DIMMER** of Sensor Touch Control.
2. Every successive press at **DIMM** (**DIMMER**) or touch at **DIMMER** will adjust the OSD level from **LOW**, **MIDDLE**, **HIGH** --- consecutively. (Default value is **HIGH**).



Variable Indirect Lamp Brightness Setting

The brightness of Variable Indirect Lamp can be adjusted.

1. Close the **LCD Panel** or turn the **POWER OFF** (**STANDBY**).
2. Touch on the **▲ / ▼** button of the Sensor Touch Control to adjust the brightness.

▲: Brightness will be increased when touch.

▼: Brightness will be decreased when touch.

The faintest brightness will be turning the light off and the brightest level will be noticed by a beep sound.



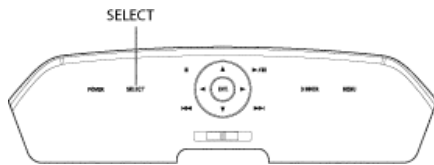
BASIC OPERATION

Picture Adjustment

Brightness, color, tint, contrast and sharpness are adjustable.

- Each source is independently adjustable.
- Make adjustments within 10 seconds, otherwise the OSD (On Screen Display) will turn off automatically.
- After adjustment, the “FLAT” setting in Visual EQ changes to “CUSTOM”. After resetting the unit, “CUSTOM” changes back to “FLAT”

1. Press **SEL (SELECT)** on the Remote Control for at least 2 seconds or touch at **SELECT** on Sensor Touch Control for at least 2 seconds to open **SETUP** Screen. Then check if the **Picture Adjustment Mode** is being selected.



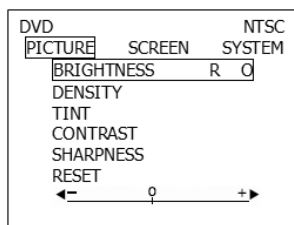
Sensor Touch Control



Remote Control Unit

Adjusting the Brightness

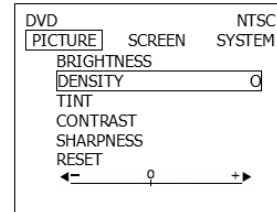
2. Press **▲/▼** on the Remote Control or **▲/▼** on the Sensor Touch Control to select **[Brightness]**
3. Press or touch **◀/▶** to adjust the brightness. Brightness can be adjusted between the range of -15(MIN) to +15(MAX).



4. Press **ENT** or touch to finish adjustment or wait 10 seconds for OSD to shut down. The Setting Value will be saved automatically.

Adjusting Color Density.

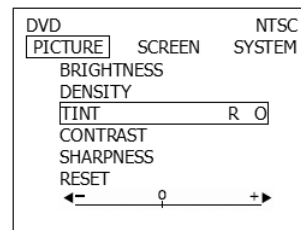
2. Press **▲/▼** on the Remote Control or **▲/▼** on the Sensor Touch Control to select **[Color]**
3. Press or touch **◀/▶** to adjust the **Color Density**. Color can be adjusted between the range of -15(MIN) to +15(MAX).



4. Press **ENT** or touch to finish adjustment or wait 10 seconds for OSD to shut down. The Setting Value will be saved automatically.

Adjusting the Tint

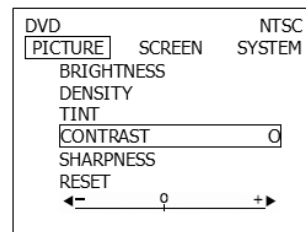
2. Press **▲/▼** on the Remote Control or **▲/▼** on the Sensor Touch Control to select **[TINT]**
3. Press or touch **◀/▶** to adjust the **TINT**. TINT can be adjusted between the range of G15(MIN) to R15(MAX).



4. Press **ENT** or touch to finish adjustment or wait 10 seconds for OSD to shut down. The Setting Value will be saved automatically.

Adjusting the Contrast

2. Press **▲/▼** on the Remote Control or **▲/▼** on the Sensor Touch Control to select **[CONTRAST]**
3. Press or touch **◀/▶** to adjust the **CONTRAST**. CONTRAST can be adjusted between the range of -15(LOW) to +15(HIGH).



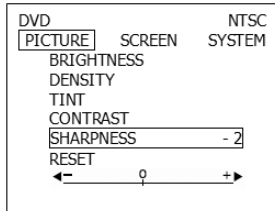
4. Press **ENT** or touch to finish adjustment or wait 10 seconds for OSD to shut down. The Setting Value will be saved automatically.



BASIC OPERATION

Adjusting the Sharpness.

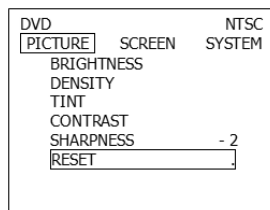
2. Press ▲/▼ on the Remote Control or ▲/▼ on the Sensor Touch Control to select [SHARPNESS]
3. Press or touch ◀/▶ to adjust the SHARPNESS. SHARPNESS can be adjusted between the range of -15(SOFT) to +15(HARD).



4. Press ENT or touch to finish adjustment or wait 10 seconds for OSD to shut down. The Setting Value will be saved automatically.

Resetting the Picture Adjustment.

2. Press ▲/▼ on the Remote Control or ▲/▼ on the Sensor Touch Control to select [RESET].

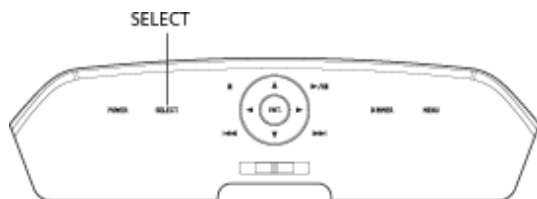


3. Press or touch ▲ / ▼ to reset the Picture Adjustment.
 - Please press ▲/▼ within 10 seconds after selection otherwise the OSD will be shut down and left un-reset.

Switching the Screen Mode

Screen Mode can be adjusted to WIDE, ZOOM, CINEMA and NORMAL modes.

- Each source is independently adjustable.
- Make adjustments within 10 seconds, otherwise the OSD (On Screen Display) will turn off automatically.

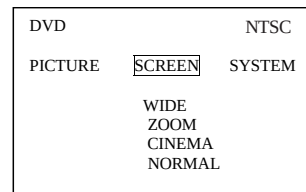


Sensor Touch Control

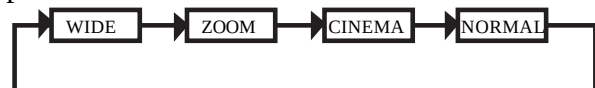


Remote Control Unit

1. Press SEL (SELECT) on the Remote Control for at least 2 seconds or touch at SELECT on Sensor Touch Control for at least 2 seconds to open SETUP Screen.
2. Press SEL (SELECT) or touch SELECT to switch from Picture Setting to Screen Mode.
3. Press or touch ▲/▼ to change the Mode.



Screen Mode will be switched at every consecutive press as below.



WIDE

Normal images are expanded uniformly in the horizontal direction and are displayed over the entire screen.



ZOOM

Normal images are expanded uniformly in the horizontal direction and are displayed over the entire screen. The expansion ratio will be pulled to the left and right side of the screen.



CINEMA

Normal images are expanded in the horizontal and vertical directions. The top and bottom of the image are cut off. This mode is suited for 16:9 cinema size



NORMAL

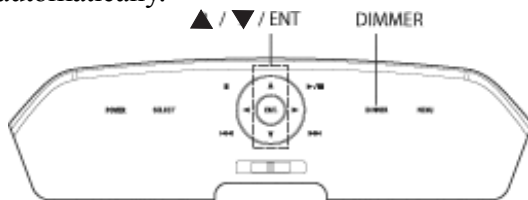
Normal image (4:3)

4. Press or touch ENT to end the adjustment or wait 10 seconds until OSD is shut down. Setting Value will be saved automatically.

Visual EQ Operation

You can select a mode suitable for the subject image

- Each source is independently adjustable.
- Make adjustments within 6 seconds, otherwise the OSD (On Screen Display) will turn off automatically.

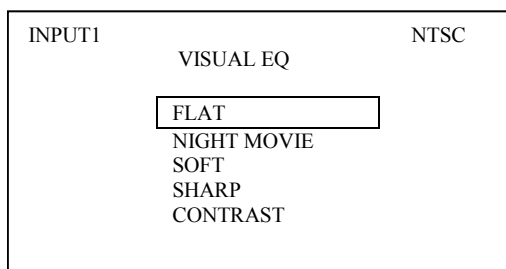


Sensor Touch Control



Remote Control

1. Press DIMM (DIMMER) on the Remote Control for at least 2 seconds or touch DIMMER at Sensor Touch Control for at least 2 seconds to display EQ OSD.
2. Press ▲ / ▼ (Remote Control) to change Visual EQ or touch (Sensor Touch Control) to move OSD between FLAT, NIGHT MOVIE, SOFT, SHARP and CONTRAST. (Default Setting : SHARP)



Visual EQ Mode Selection (Factory Setting).

- FLAT : Normal Setting (Visual EQ OFF)
- NIGHT MOVIE : Suitable for movies in which dark scenes frequently appear.
- SOFT : Suitable for CGs and animated films.
- SHARP : Suitable for rold movies where images are not clearly shown.
- HIGH CONT. : Suitable for recent movies.

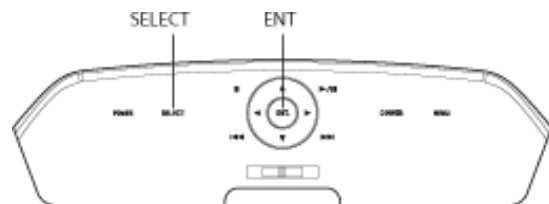
- FLAT will change to CUSTOM, when any of the picture mode (Brightness, Color, Tint, Contrast and Sharpness) has been adjusted
- NIGHT MOVIE, SOFT, SHARP and HIGH CONT. are fixed values. They cannot be set manually. If the picture mode is changed, they automatically change to CUSTOM mode.
- To return FLAT mode, press RESET on the picture mode, or change values of BRIGHT, COLOR, TINT, CONTRAST and SHARPNESS to 0 manually.

3. Press ENT or touch to finish adjustment or wait 10 seconds for OSD to shut down. The Setting Value will be saved automatically.

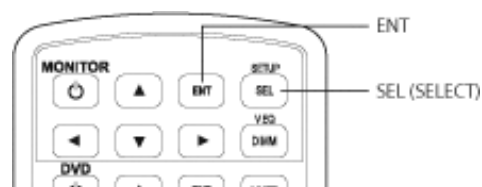
System Setup Operation

You can adjust each IR Transmitter of available sources, Source Name, Sound Level.

- Once adjusted, setting value of all sources will be changed.



Sensor Touch Control



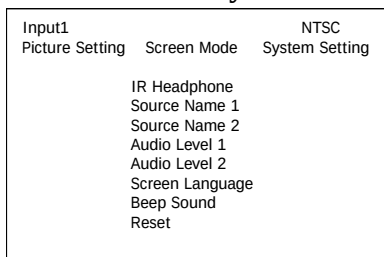
Remote Control

Continue to next page



BASIC OPERATION

1. Press **SEL (SELECT)** of the Remote Control for at least 2 seconds or touch at **Sensor Touch Control** for at least 2 seconds to display **SETUP MENU**.
2. Press **SEL (SELECT)** twice or touch at **SELECT** twice to switch to **System Setting**.



3. Press **▲ / ▼** or touch to select each mode and press or touch **ENT** to select.
4. Press or touch **◀ / ▶** to select the Setting Detail in each mode and press or touch **ENT** to finish setting.

IR Headphone

Setting: A / B / OFF (Default : A*)

*Select B when use Headphone that is equipped with B Channel Selection (SHS-N100 Series, e.g.)

Source Name 1:

Setting: Input 1 / DVD / DVD Head Unit /
DTV / Game / TV / User
(Default: DTV)

Source Name 2:

Setting: Input 2 / DVD / DVD Head Unit /
DTV / Game / TV / User
(Default: DVD)

*It will not function if the Source Name does not match with the name of the product connecting to the system.

Audio Level 1 (Setting of Input 1)

Setting: LOW / MID / HIGH
(Default: HIGH)

Audio Level 2 (Setting of Input 2)

Setting: LOW / MID / HIGH
(Default: HIGH)

Screen Language:

Setting: ENGLISH / JAPANESE
(Default: ENGLISH)

Beep Sound:

Setting: ON / OFF
(Default: ON)

Reset:

Press or touch **◀ / ▶** to reset the unit to factory setting.
All setting such as Picture, Visual EQ, Display Mode will be reset to default value.

Customization of Source Name.

You can define the source name for your favorite OSD (On Screen Display) for 6 letters.

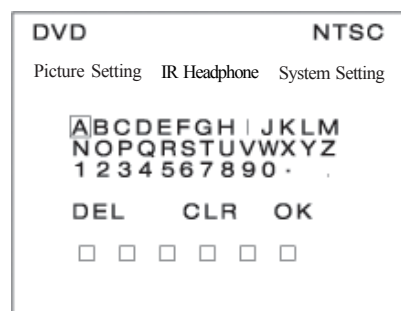
1. From Step 3, select **[Source Name 1]** or **[Source Name 2]**, then select **[User]** by pressing or touching **◀ / ▶**
2. Press or touch **ENT**.
Letter Setting Menu will be shown up.
3. Press or touch **▲ / ▼**, **◀ / ▶** to select letters **[from A to Z]** **[0 to 9]** **[-]** and **[Space]** then press or touch **ENT** to finish.

DEL: Once to delete 1 letter.

CLR: Clear all letters.

OK : Confirm the source name and exit from Letter Setting Menu.

- This setting will not disappear until selection at OK.



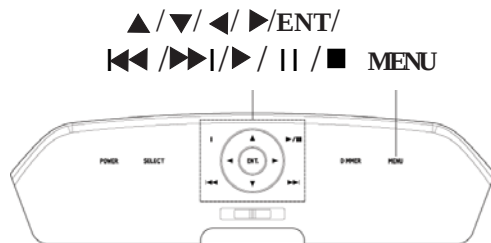
DVD PLAYER SYSTEM CONTROL

DVD PLAYER SYSTEM CONTROL

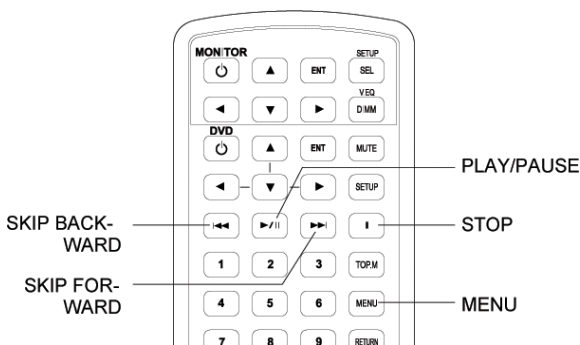
To operate Alpine DVD Player and DVD Head Unit from Sensor Touch Control, you must set the source name of the DVD and DVD Head Unit at System Setup first.

- Please see System Setup Operation at page 9.
- See User's Manual of your Alpine DVD Player / DVD Changer / DVD Head Unit for more details.

*DVD Player System control is based on system connectivity and limited unit model.



Sensor Touch Control



Remote Control

RUE-4155J Remote Control cannot be used with Alpine DVD Head Unit. To operate DVD Head Unit, please use compatible Remote Control for DVD Head Unit (Such as RUE-4191).

PLAY AND PAUSE

Press ▶/ || of the Remote Control or touch ▶/ || at of the Sensor Touch Control to play.
Press or touch ▶/ || again to PAUSE.

STOP

Press ■ of the Remote Control or touch at ■ of Sensor Touch Control to stop the DISC. Press once and PRE-STOP will be shown on the screen. Press or touch again and the STOP will be shown on the screen.

FAST FORWARD

Press ▶▶ of the Remote Control or touch ▶▶ of the Sensor Touch Control to move to the next chapter or next disc. Continuously press ▶▶ of the Remote Control to Fast Forward the disc.



- For Sensor Touch Control, ▶▶ cannot be used to Fast Forward the disc

REWIND

Press ◀◀ of the Remote Control or touch ◀◀ of the Sensor Touch Control to move to the previous chapter or previous disc. Continuously press ◀◀ of the Remote Control to Rewind the disc.



- For Sensor Touch Control, ◀◀ cannot be used to Rewind the disc.

DVD PLAYER SYSTEM CONTROL

MENU SELECTION

Sensor Touch Control

1. **Touch MENU to display DVD Menu.**
Use ▲/▼ ◀/▶ / ENT to operate.
2. **Continue touching MENU until DVD Setup Menu is displayed.** Use ▲/▼ ◀/▶ / ENT to operate.

Remote Control

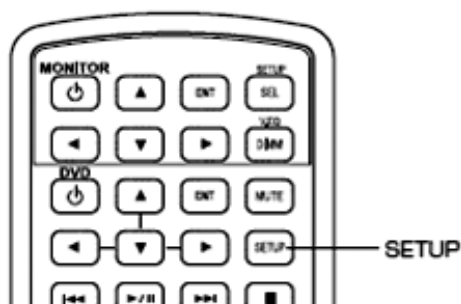
1. **Touch MENU to display DVD Menu.**
Use ▲/▼ ◀/▶ / ENT to operate.
2. **Continue touching MENU until DVD Setup Menu is displayed.** Use ▲/▼ ◀/▶ / ENT to operate.

DVD SETUP OPERATION

The following is the method to change setting of Alpine DVD Player.

- See Alpine DVD Player / DVD Changer / DVD Head Unit User's Manual for further details.

Remote Control



Press SETUP from STOP mode for at least 2 seconds.
SETUP MENU will be displayed on the screen.

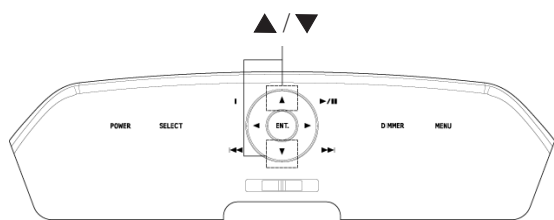


- Cannot operate DVD SETUP MENU from Sensor Touch Control.

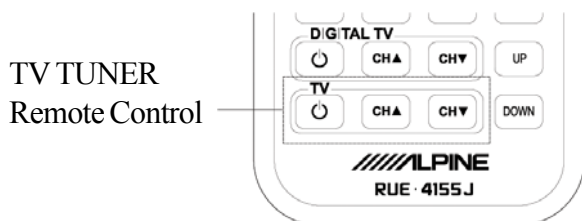
TV TUNER (ANALOG) SYSTEM CONTROL

Setup Source Name as TV from SYSTEM SETUP to operation optional Alpine TV Tuner.

- Please see System Setup Operation at page 9.
- See User's Manual of your Alpine TV Tuner for more details



Sensor Touch Control



Remote Control

SAVING TO CHANNEL MEMORY

Press SCAN button of the Remote Control that comes with optional TV TUNER then record the channel that is viewable into the memory.

PRESET CHANNEL SELECTION

Press CH▲/CH▼ of the Remote Control or press at ▲ / ▼ of Sensor Touch Control to recall the memorized channel preset.

CH ▲, ▲: Press (touch) to move up 1 channel from the preset.

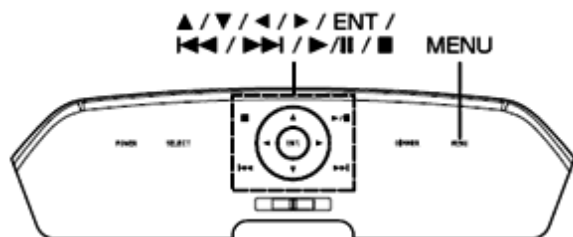
CH ▼, ▼: Press (touch) to move down 1 channel from the preset.

TV/DVD TUNER SYSTEM CONTROL

DTV (Digital Television) TUNER SYSTEM CONTROL

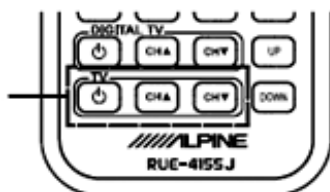
Setup Source Name as DTV from SYSTEM SETUP to operate optional Alpine DTV Tuner.

- Please see System Setup Operation at page 9.
- See User's Manual of your Alpine TV Tuner for more details



Sensor Touch Control

DTV(Digital Terrestrial
Broadcasting)
TUNER Remote Control



Remote Control

DTV TUNER SETTING (Quick Operation)

1. Touch MENU at the Sensor Touch Control to display Quick Operation
2. Select [PRESET LIST] and press (touch) ENT to display recorded CHANNEL LIST.
3. Select CHANNEL and press (touch).



- See User's Manual that comes with optional DTV TUNER for further detail about AREA SETTING.

PRESET CHANNEL SELECTION

Press CH▲/CH▼ of the optional DTV's Remote Control or press at ▲ / ▼ of Sensor Touch Control to recall the memorized channel preset.

CH ▲, ▲: Press (touch) to move up 1 channel from the preset.

CH ▼, ▼: Press (touch) to move down 1 channel from the preset.

CHANNEL MANUAL SEARCH

Touch ◀◀ / ▶▶ of the Sensor Touch Control once to move one by one.

FULL SEG/ONE SEG MANUAL SWITCHING

Switching FULL SEG and ONE SEG by pressing ▶ / II of Sensor Touch Control once.



- Can be used only with models that support FULL SEG / ONE SEG.
- In some Signal Area, even switch from FULL SEG to ONE SEG, it might return to ONE SEG automatically.

Note : DTV Tuner System Control is based on broadcasting system for each country and limitation of tuner specification.



INSTALLATION AND CONNECTIONS

INSTALLATION AND CONNECTIONS

Checking Components.

10.2 Inch WVGA
LCD Monitor



x 1

RUE-4155J Universal
Remote Control



x 1

Bracket^{*1}



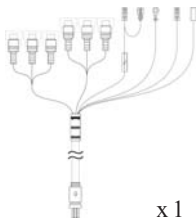
x 1

Trim Ring^{*2}



x 1

DIN cable
(5m)



x 1

RCA cable
(3m)



x 1

Battery CR2025
(Remote)



x 1

Screw M4x6
(for Bracket)



x 6

Screw M3x6
(For Trim Ring)



x 9

Rubber Cap



x 6

Specifications

Picture System

PAL/NTSC

Display Screen

Screen Size:

10.2 Inch

Width:

221 mm

Height:

132 mm

Aspect Ratio:

16:9

LCD:

Clear TN LCD

Driving Method:

TFT Active Matrix

Resolution:

800 (w) x 480 (h) x 3

Active Resolution:

99.9% or more.

Illumination:

Cold Cathode
Fluorescent Lamp

General

Operating Voltage:

10-16V (Typical: 12V)

Power Consumption:

1.12A (Power ON)

Video Input:

1.0V p-p 750 Ω

Audio Input:

2.0V rms (MAX)

IR Transmitter:

Channel A:

2.3 MHz / 2.8 MHz

Channel B:

3.2 MHz / 3.8 MHz

Operating Temp.:

-10 °C to 60 °C

Monitor

Width:

286 mm

Height: (Open)

34 mm (190.5 mm^{*3})

^{*3}When drop to 90°

Open/Close Angle:

180°

Width:

287 mm

Weight:

1.52 kg

Bracket

Width:

240 mm

Depth:

185 mm

Thickness:

1 mm

Trim Ring

Width:

335 mm

Depth:

335 mm

Thickness:

62 mm



INSTALLATION AND CONNECTIONS

INSTALLATION BY BRACKET, TRIM RING (*1,2)

Caution Specific knowledge and experience are needed for this installation. Please contact to your dealer.

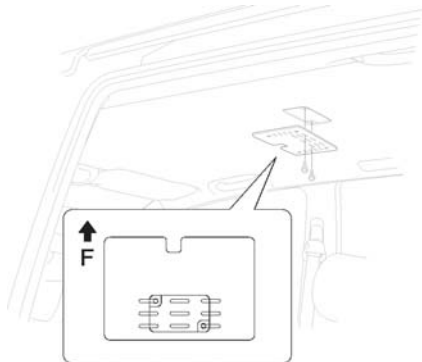
Caution Do not use electric driver. It is difficult to control the torque of electric screw driver; it will not only damage the screw head but also the vehicle as well.

FIXING BRACKET

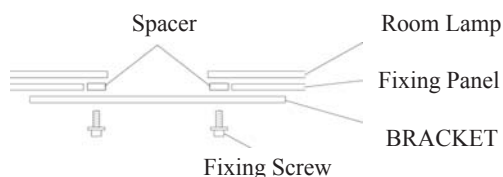
When remove ROOM LAMP for installation.

Use the screw hole that fixed ROOM LAMP to attach the BRACKET.

*For vehicle with ROOM LAMP fixed with clip, please find Speed Nut separately.



CAUTION *It might not be possible to tighten the screw for vehicle with a gap that the Roof Inner Panel that fixed with ROOM LAMP. In such case, please use additional spacer to tighten the screw firmly.



WARNING Please firmly tighten fixing screw.
•The monitor could fall down if insufficiently tighten
Be careful with the screw size.
•The monitor could fall down if use the screw size that is smaller than the fixing hole.

CAUTION Be careful with the screw length.
•Using the screw that is longer than the space between the hole and roof top could damage the vehicle.

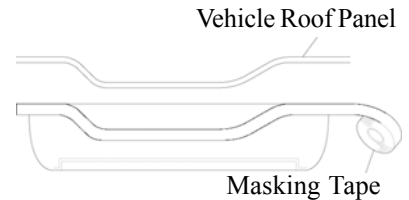
CUTTING TRIM RING.

Use TRIM RING to fill the gap when there is a gap between Roof Panel and Monitor.

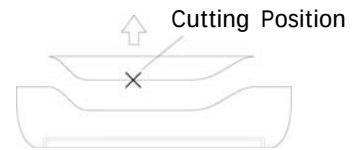
*No need to use TRIM RING if there is no gap.

*Cutting POSITION and SHAPE differ from vehicle, please carefully check before cutting.

1. Using Masking Tape to mark according to the shape of the Roof Panel.



2. Use Air Saw or Cutter to cut along the Marking

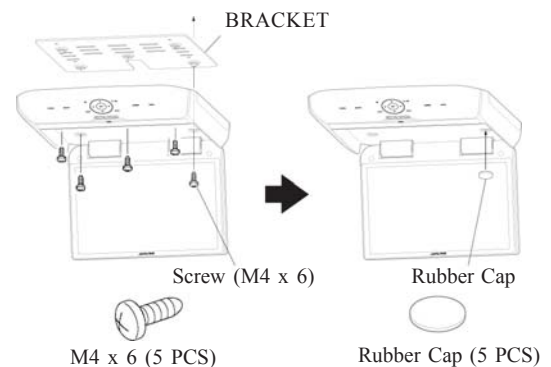


WARNING Please firmly fix the TRIM RING then cut.
•This could cause injury if not fixed firmly.

MONITOR INSTALLATION

Fix to the BRACKET.

*Be careful not to route the wiring in obstruction to the installation.



FIXING TRIM RING.

*No need to install if TRIM RING is not necessary.



WARNING Please use provided screw to firmly install.
•Monitor may fall down if insufficiently tighten.



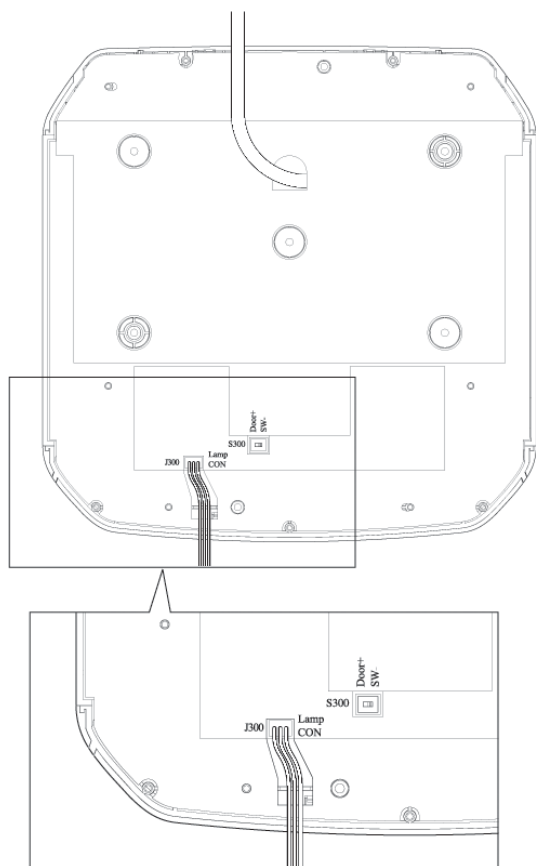
INSTALLATION AND CONNECTIONS

ROOM LAMP INSTALLATION



WIRE of ROOM LAMP.

Connect the cable from ROOM LAMP switch of the vehicle to the MONITOR internal ROOM LAMP.



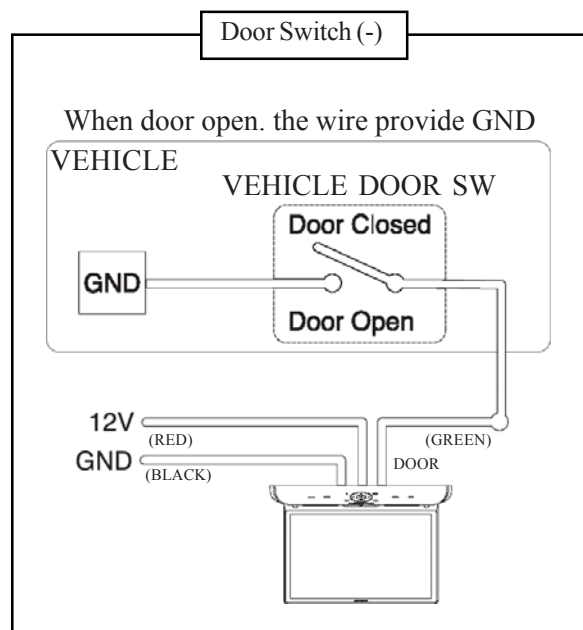
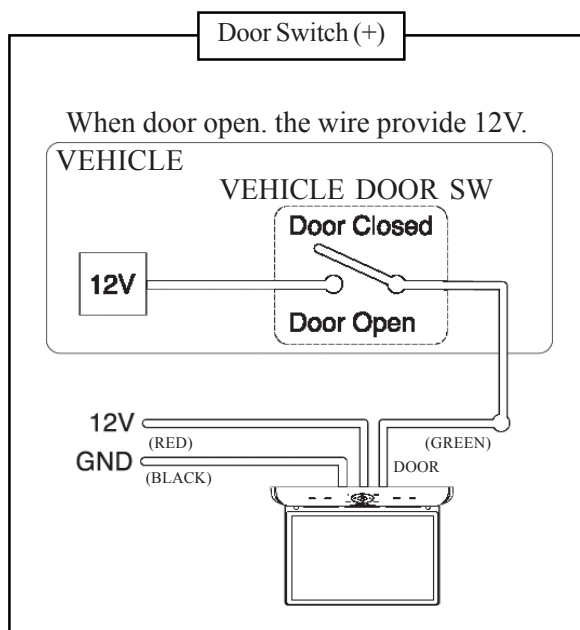
Polarity change switch is located on the top surface that mounts into the headliner.

Vehicle Door polarity depends on the vehicle type. The polarity can be changed by the “Door SW polarity” switch.

(Default: Negative Switched System)

Polarity + : When door open, door signal is 12V

Polarity - : When door open, door signal is GND

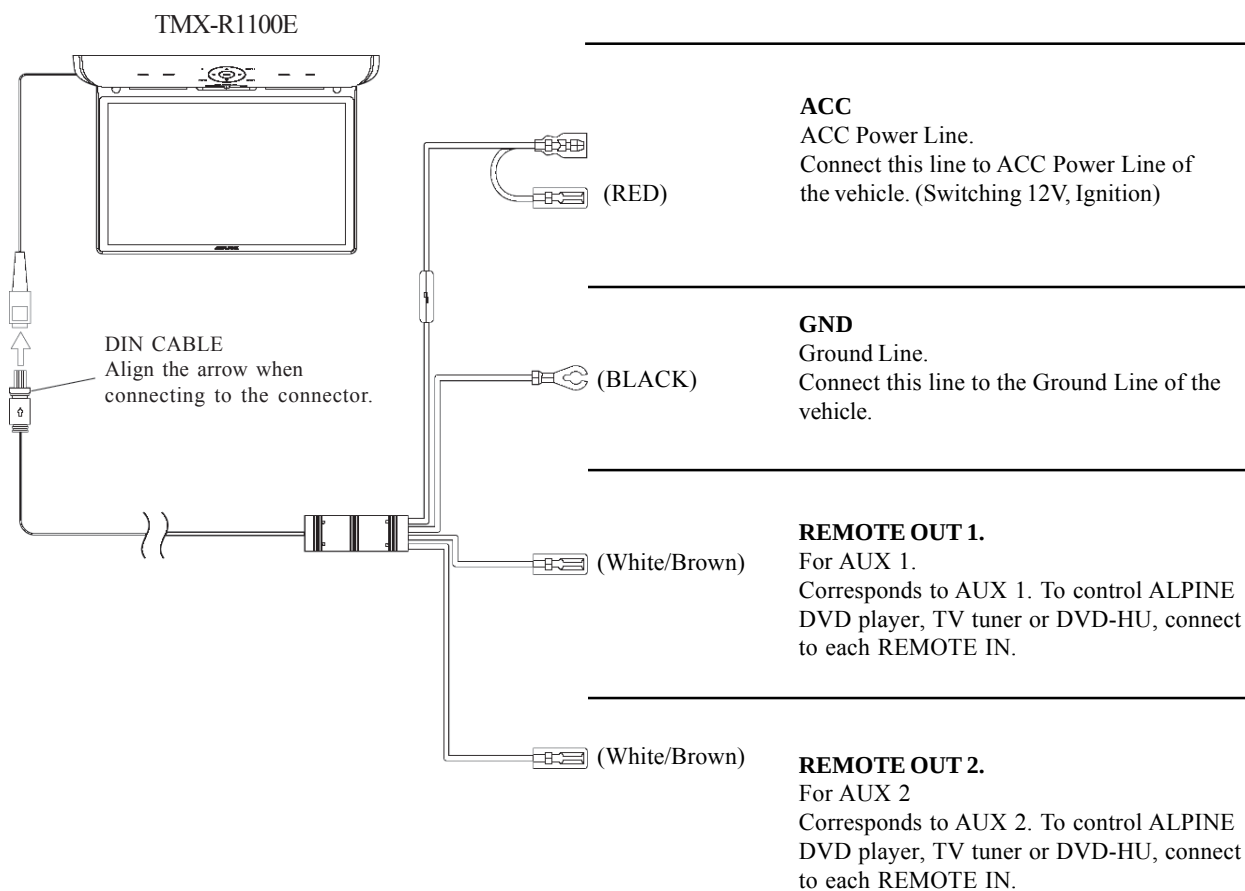




INSTALLATION AND CONNECTIONS

Connecting Diagram

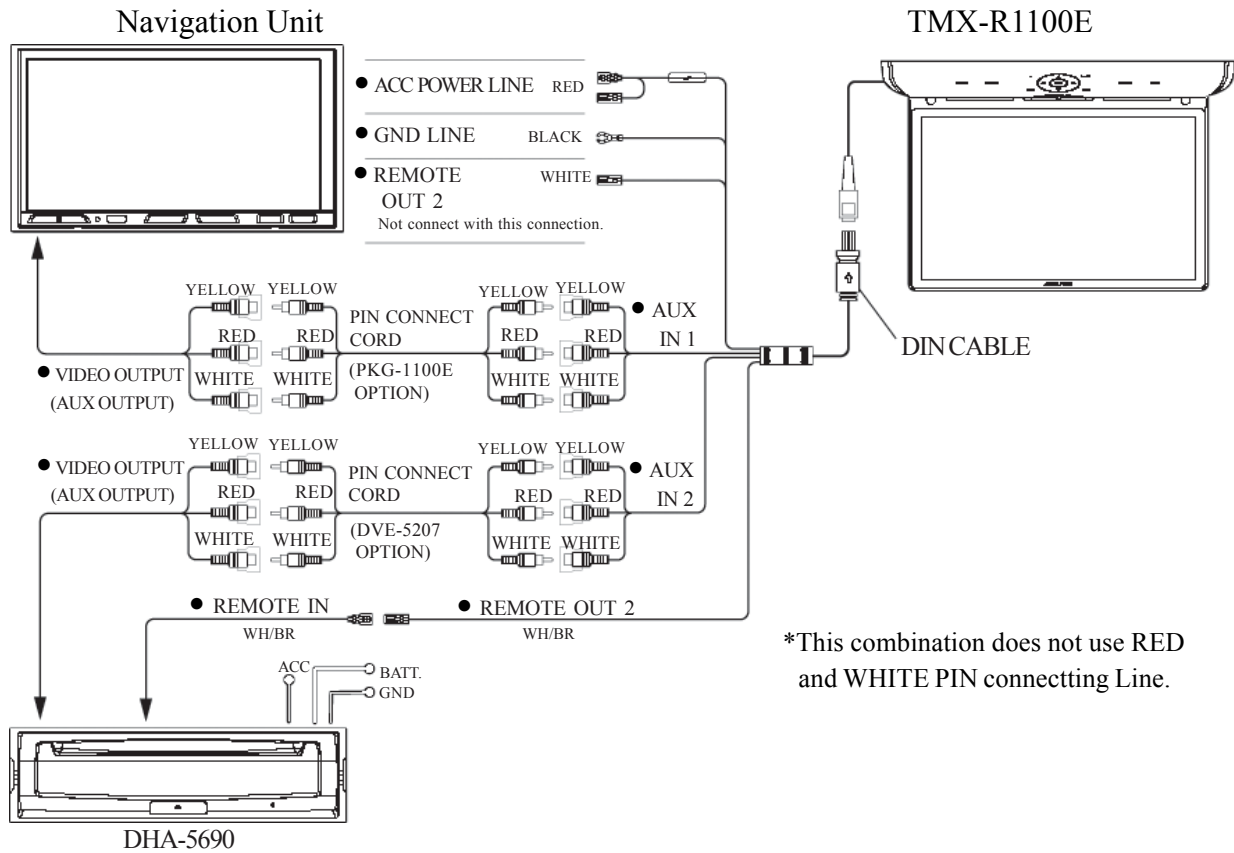
The below power sources are necessary for Alpine TMX-R1100E to operate properly.



Use crimping terminals to firmly connect the wiring.

SYSTEM CONNECTION SAMPLE

- Connection with OEM Navigation and Other Brand Navigation, DVE-5207



- Please specify SOURCE NAME 1 as INPUT 1 and SOURCE NAME 2 as DVD.
- It will not function if SOURCE NAME does not match with the connecting system.

Troubleshooting

Are you misunderstanding, miss-usage as system malfunction?



Are installation and wiring correctly completed?

Please check the list below again.

If the problem is still exists, please contact your nearest dealer.

- If you encounter a problem such as sudden system shut down or the screen becomes dimmed, please turn the power off, then on again. If the unit is still not functioning normally, please review the items in the following checklist. This guide will help you isolate the problem.

Not functioning.

- Vehicle ignition is off or the key position is not at ACC position.
 - Start the engine or turn the key to ACC position.
- No fuse or blown fuse.
 - Install fuse or check the cause of the blown fuse before replacing.
- Improper connection.
 - Please recheck the connection.
- Vehicle's battery is weak.
 - Please check the voltage of the battery.

No picture or unclear picture.

- Brightness control is set for minimum brightness control.
 - Adjust the brightness.
- Incorrect setting of the mode.
 - Switch to the correct mode.
 - Check the connection to the source unit.
 - Check the power of the source unit.
- Incorrect or open connection with the Monitor, AV interface unit.
 - Check the connection and remedy.

Picture color is poor.

- Brightness/Color/Tint/Contrast/Sharpness control are not set to the proper positions.
 - Check each control.

Picture's movement is bad.

- Temperature in the cabin is too high.
 - Please allow some time for the temperature becomes normal operating temperature.

Spots or dotted lines/stripes appear.

- Caused by neon signs, high-voltage power lines, CB transmitter, other vehicle's ignition plugs, etc.
 - Change the location of your vehicle.

Optional Wireless Remote Control does not work.

- There are something obstruct communication between the Remote Control and the Receiver.
 - Please remove the object.
- The polarities of the battery in the Remote Control are wrong.
 - Please re-insert the battery.
- The battery's life.
 - Please replace with new battery.

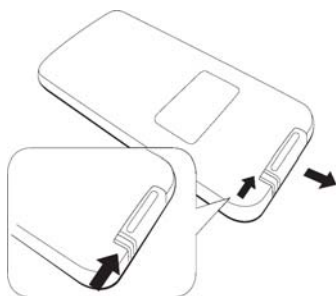
- The LCD panel is manufactured using an extremely high precision manufacturing technology. Its effective pixel ratio is over 99.99%. This means that 0.01% of the pixels could be either always ON or OFF

Remote Control Battery Replacement

Battery type: CR2025 or equivalent.

1. Opening the battery case.

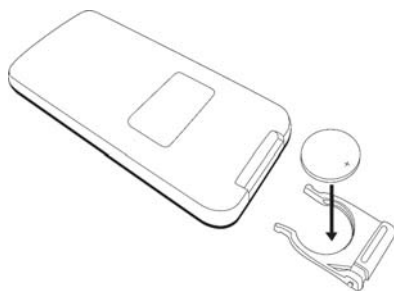
Pull up the battery cover while pressing in the direction of the arrow.



2. Replacing the battery.

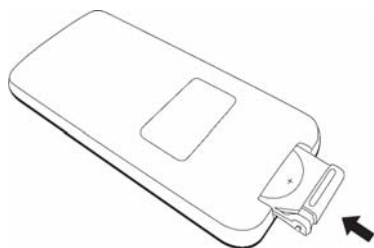
Put the battery in the case with the (+) indication upward as shown in the illustration.

- Placing a battery in backwards way may cause a malfunction.



3. Close the cover.

Slide the cover as illustrated until a click is heard.



WARNING

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.

- Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.